

Curriculum vitae M.R. CATANIA, Maggio 2013

Istruzione e formazione

2001: Specializzazione in Microbiologia e Virologia

Facoltà di Medicina e Chirurgia, Seconda Università degli Studi di Napoli

2000: Dottorato di ricerca in “Scienze Microbiologiche”

Facoltà di Medicina e Chirurgia, Seconda Università degli Studi di Napoli

1993: Laurea in Scienze Biologiche (110/110 e lode)

Facoltà di Scienze MM.FF.NN., Università degli Studi di Napoli Federico II

Esperienza Professionale

1 novembre 2006 ad oggi: Professore associato di Microbiologia e Microbiologia clinica – SSD MED/07

Facoltà di Medicina e Chirurgia, Università degli Studi di Napoli Federico II

Attività didattica su:

- Corso di Laurea in Medicina e Chirurgia
- Corso di Laurea in Odontoiatria e Protesi Dentaria
- Corsi di Laurea Triennale in: Tecniche di Laboratorio biomedico; Fisioterapia; Ortottica ed assistenza oftalmologica; Logopedia
- Scuole di Specializzazione in: Microbiologia e Virologia; Patologia clinica; Biochimica clinica; Anatomia patologica; Malattie infettive; Igiene; Chirurgia generale; Chirurgia dell'apparato digerente; Chirurgia plastica, ricostruttiva ed estetica

2013 ad oggi: Responsabile U.O.S. di Batteriologia e Micologia

DAI di Medicina di Laboratorio

Azienda Ospedaliera Universitaria Policlinico Federico II – Napoli

2008 - 2013: Membro del Collegio dei Docenti del Dottorato di Ricerca in Scienze Microbiologiche

Seconda Università degli Studi di Napoli

2006 ad oggi: Membro del Consiglio/Comitato ordinatore della Scuola di Specializzazione in Microbiologia e Virologia

PUBBLICAZIONI

1. PUGLIESE N, SALVATORE P, IULA DV, CATANIA MR, CHIURAZZI F, DELLA PEPA R, CERCHIONE C, RAIMONDO M, GIORDANO C, SIMEONE L, CARUSO S, PANE F, PICARDI M. Ultrasonography-driven combination antibiotic therapy with tigecycline significantly increases survival among patients with neutropenic enterocolitis following cytarabine-containing chemotherapy for the remission induction of acute myeloid leukemia. *Cancer Med.* 2017 May 26.
2. GARZILLO C, BAGATTINI M, BOGDANOVIĆ L, DI POPOLO A, IULA VD, CATANIA MR, RAIMONDI F, TRIASSI M, ZARRILLI R. Risk factors for *Candida parapsilosis* bloodstream infection in a neonatal intensive care unit: a case-control study. *Ital J Pediatr.* 2017 Jan 19;43(1):10.
3. CANTÓN R, LIVERMORE DM, MOROSINI MI, DÍAZ-REGAÑÓN J, ROSSOLINI GM; PREMIUM Study Group. Etest® versus broth microdilution for ceftaroline MIC determination with *Staphylococcus aureus*: results from PREMIUM, a European multicentre study. *J Antimicrob Chemother.* 2017 Feb;72(2):431-436.
4. CONTE V, MONACO M, GIANI T, D'ANCONA F, MORO ML, ARENA F, D'ANDREA MM, ROSSOLINI GM, PANTOSTI A; AR-ISS Study Group on Carbapenemase-Producing *K. pneumoniae*. Molecular epidemiology of KPC-producing *Klebsiella pneumoniae* from invasive infections in Italy: increasing diversity with predominance of the ST512 clade II sublineage. *J Antimicrob Chemother.* 2016 Dec;71(12):3386-3391.
5. PULCRANO G, PIGNANELLI S, VOLLARO A, ESPOSITO M, IULA VD, ROSCETTO E, SORIANO AA, CATANIA MR. Isolation of *Enterobacter aerogenes* carrying blaTEM-1 and blaKPC-3 genes recovered from a hospital Intensive Care Unit. *APMIS.* 2016 Jun;124(6):516-21.
6. MARTINUCCI M, ROSCETTO E, IULA VD, VOTSI A, CATANIA MR, DE GREGORIO E. Accurate identification of members of the *Burkholderia cepacia* complex in cystic fibrosis sputum. *Lett Appl Microbiol.* 2016 Mar;62(3):221-9.
7. PIGNANELLI S, BRUSA S, PULCRANO G, CATANIA MR, COCCHI E, LANARI M. A rare case of infant sepsis due to the emm-89 genotype of Group A *Streptococcus* within a community-acquired cluster. *New Microbiol.* 2015 Oct;38(4):589-92.
8. BARRA F, ROSCETTO E, SORIANO AA, VOLLARO A, POSTIGLIONE I, PIERANTONI GM, PALUMBO G, CATANIA MR. Photodynamic and Antibiotic Therapy in Combination to Fight Biofilms and Resistant Surface Bacterial Infections. *Int J Mol Sci.* 2015 Aug 28;16(9):20417-30.
9. POSTIGLIONE I, CHIAVIELLO A, BARRA F, ROSCETTO E, SORIANO AA, CATANIA MR, PALUMBO G, PIERANTONI GM. Mitochondrial Malfunctioning, Proteasome Arrest and Apoptosis in Cancer Cells by Focused Intracellular Generation of Oxygen Radicals. *Int J Mol Sci.* 2015 Aug 28;16(9):20375-91.
10. ROSCETTO E, VITIELLO L, MUOIO R, SORIANO AA, IULA VD, VOLLARO A, DE GREGORIO E, CATANIA MR. In vitro interaction of *Stenotrophomonas maltophilia* with human monocyte-derived dendritic cells. *Front Microbiol.* 2015 Jul 16;6:723
11. DE GREGORIO E, ROSCETTO E, IULA VD, MARTINUCCI M, ZARRILLI R, DI NOCERA PP, CATANIA MR. Development of a real-time PCR assay for the rapid detection of *Acinetobacter baumannii* from whole blood samples. *New Microbiol.* 2015 Apr;38(2):251-7.
12. STRISCIUGLIO C, MIELE E, GIUGLIANO FP, VITALE S, ANDREOZZI M, VITALE A, CATANIA MR, STAIANO A, TRONCONE R, GIANFRANI C. Bifidobacteria Enhance Antigen Sampling and Processing by Dendritic Cells in Pediatric Inflammatory Bowel Disease. *Inflamm Bowel Dis.* 2015 Jul;21(7):1491-8.
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14. PIGNANELLI S, PULCRANO G, SCHIAVONE P, IULA VD, CATANIA MR. In vitro antimicrobial susceptibility of *Mycoplasma hominis* genital isolates. *Indian J Dermatol Venereol Leprol.* 2015 May-Jun;81(3):286-8.
15. FERRAZZANO GF, CANTILE T, ROBERTO L, INGENITO A, CATANIA MR, ROSCETTO E, PALUMBO G, ZARRELLI A, POLLIO A. Determination of the in vitro and in vivo antimicrobial activity on salivary Streptococci and Lactobacilli and chemical characterisation of the phenolic content of a *Plantago lanceolata* infusion. *Biomed Res Int.* 2015;2015:286817.
16. CICATIELLO AG, IULA DV, PAGLIUCA C, PASTORE G, PAGLIARULO C, CATANIA MR, CATANIA MR, COLICCHIO R, PICARDI M, RAI A V, SALVATORE P. Identification of *Inquilinus limosus* in cystic fibrosis: a first report in Italy. *New Microbiol.* 2014 Oct;37(4):567-71.
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18. FERRAZZANO GF, ROBERTO L, CATANIA MR, CHIAVIELLO A, DE NATALE A, ROSCETTO E, PINTO G, POLLIO A, INGENITO A, PALUMBO G. Screening and Scoring of Antimicrobial and Biological Activities of Italian Vulnerary Plants against Major Oral Pathogenic Bacteria. *Evid Based Complement Alternat Med.* 2013;2013:316280.
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21. PULCRANO G, IULA DV, VOLLARO A, TUCCI A, CERULLO M, ESPOSITO M, ROSSANO F, CATANIA MR. Rapid and reliable MALDI-TOF mass spectrometry identification of *Candida non-albicans* isolates from bloodstream infections. *J Microbiol Methods.* 2013 Jul 9.
22. PULCRANO G, IULA DV, DE LUCA C, ROSCETTO E, VOLLARO A, ROSSANO F, CATANIA MR. Clonal dissemination of *Klebsiella pneumoniae* ST512 carrying blaKPC-3 in a hospital in southern Italy. *APMIS.* 2013 May 8.
23. PULCRANO G, VOLLARO A, ROSSANO F, CATANIA MR. Molecular and phenotypic characterization of methicillin-resistant *Staphylococcus aureus* from surgical site infections. *Surg Infect (Larchmt).* 2013;14(2):196-202.
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- potential role of the protozoon in transmitting bacterial infection. *Infect Immun* 2005, 73(2): 1180-1186.
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 53. FILIPPINI P., LIGUORI G., SCOLASTICO C., COPPOLA N., LUCARIELLO A., MARROCCO C., CATANIA M.R., ORTEGA DE LUNA L., CARRATELLI C. R., MARINELLI P., SAGNELLI E., ROSSANO F. Prevalence of genotypic resistance to nucleoside analogues and protease inhibitors in antiretroviral-naïve HIV patients in Campania, Italy. *J Chemother* 2004, 16(6): 534-539.
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